



Precision and Versatility. A precise work centre with an accuracy of 0.05 mm.

For milling, drilling and boring.

MICRO Miller FF 400

The headstock swivels through 360°, which is indicated on a scale. 6 spindle speeds from 140 to 2,470/min are achieved by means of pulleys and a Poly-V belt. Quill accepts collets 6, 8, 10 and 12 mm (included). Headstock with scale, tilts and locks in position (1 revolution = 1.5 mm). Large machined steel crosstable with 3 T-slots.

Important:

Both the headstock and spindle can be locked in position when milling.

Technical Data:

220 - 240 V. 400 W. 50/60 Hz. Spindle speeds of 140, 310, 480, 730, 1,140 und 2,470/min. Column diameter 45 x 500 mm. Machined steel table 400 x 125 mm. X-Y travel is 225 mm x 80 mm respectively. 370 x 350 x 600. Weight approx. 40 kg.

NO 24 308

Note:

Collets, milling cutters and workpieces are not included.



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| 1 Strong, quiet, high quality capacitor motor (400 W). | 5 Machined steel table (400 x 125 mm) with 3 T-nuts. |
| 2 Handwheel for height adjustment. | 6 Large handwheel and dial with moveable scales. One revolution = 2.0 mm. One coarse division = 0.1 mm, one fine division = 0.02 mm. |
| 3 Headstock swivels (with scale). Lockable quill with 30 mm travel. | 7 Switch for CW or CCW rotation. |
| 4 Quill accepts precision collets (one each of 6, 8, 10 und 12 mm included). | 8 Poly-V belt for 6 spindle speeds from 140 to 2,470/min. |

Fine Feed for Milling

Easily mounted. The clutch enables feed via the feed handle or the handwheel. The handwheel has an adjustable index (may be set to zero) with graduations. One division = 0.025 mm.

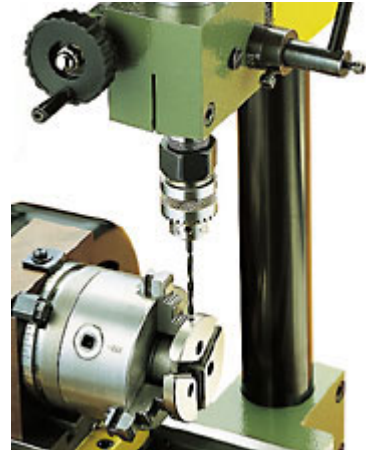
NO 24 254



Gear Chuck, with 10 mm adapter

Industrial quality, however not as accurate as the collets. With 10 mm adapter fitting the 10 mm collet. Includes chuck key.

NO 24 110



Universal Dividing Table UT 400

Facilitates the manufacture of odd-shaped objects. The table maybe fixed horizontally or vertically. Drive takes place via the worm drive and in its 360° travel yields nearly all the divisions below 100. Supplied with 4 index plates: 27/42, 33/40, 34/39 and 36/38. Used to manufacture sprockets, gearboxes and drives, ratchets, cams etc. The faceplate is not included. Supplied in a wooden box with sliding lid.

NO 24 421



5-Piece Collet Set

One piece each for round diameters 2.4 - 3.0 - 3.2 - 4.0 and 5.0 mm. Supplied in a wooden box and lid.

NO 24 252

MICROMOT Step Clamps made of steel

For safe fixing of small work pieces (up to 18 mm thick) to the MICRO miller MF 70. Also fits the mill/lathe systems PD 230/E and PD 400. Complete with 2 each stepped blocks and clamps, T-slot nuts of the MICROMOT standard (11.5 x 11 x 4 mm), bolts. Supplied in a wooden box with sliding lid.

NO 24 256

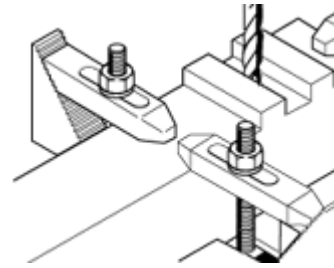


Step Clamp Set

Consists of 2 step blocks and 2 clamps, 2 nuts, 2 T-slot nuts (B = 7 mm, E = 12 mm, D = 4 mm, C = 7.2 mm). Secures objects to approx. 35 mm high.

Supplied in a wooden box.

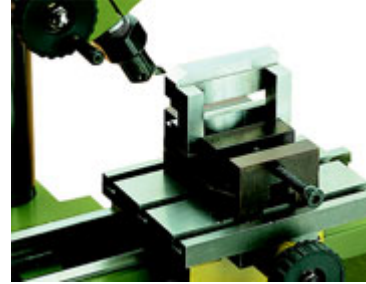
NO 24 257



Precision Vice, milled in steel

May be used on its side and back. Jaw width 60 mm, clamping capacity 42 mm. Complete with securing bolts and packed in a wooden box.

NO 24 255



Precision V-Blocks

Used to clamp various workpieces. Made of hardened steel, precision ground in pairs. Four different depths of V, all at 90°. Size 50 x 30 x 30 mm. The solid clamp and knurled knob ensure superb securing of the workpiece. Supplied in a wooden box and lid.

NO 24 262 2 pieces



Three Piece Centre Drill Set

HSS, DIN 333 (type A) 60°. Complete set with sizes of 2.0 - 2.5 and 3.15 mm.

NO 24 630



Milling Cutter Set (2 - 5 mm)

All with 6 mm shank. Consists of cutters 2, 3, 4, and 5 mm diameter. Double fluted, to DIN 327. HSS. Supplied in wooden box.

NO 24 610



Milling Cutter Set (6 - 10 mm)

Consists of cutters 6, 7, 8 and 10 mm diameter. Four flute, to DIN 844. All with 6 mm shank. HSS. Supplied in wooden box.

NO 24 620



1 Arbor

Used with gear cutters with 16 mm bore, 10 mm shaft.

NO 24 425

2 HSS Gear Cutters

Module 0.5 x 40 mm, 16 mm bore.

NO 24 426	Nr. 1	(12-13 teeth)
NO 24 427	Nr. 2	(14-16 teeth)
NO 24 428	Nr. 3	(17-20 teeth)
NO 24 429	Nr. 4	(21-25 teeth)
NO 24 430	Nr. 5	(26-34 teeth)
NO 24 431	Nr. 6	(35-54 teeth)

**Drill and Tap Set**

A selection of HSS straight flute taps, consisting of sizes M2, M3, M4, M5 and M6 is available. Used for through and blind holes in aluminium, non-ferrous metal and steel. A set of HSS pilot drills of sizes 1.6 - 2.5 - 3.4 - 4.2 and 5.0 mm is also included. Comes in a practical wooden box.

NO 29 010

**Compound Table KT 400**

As shown with MICRO Miller FF 400 (without headstock and column). With 45 mm bore, accepts columns of Precision Drill Stands BFB 2000 and BFS 2001. Weighs 23 kg.

NO 24 303